

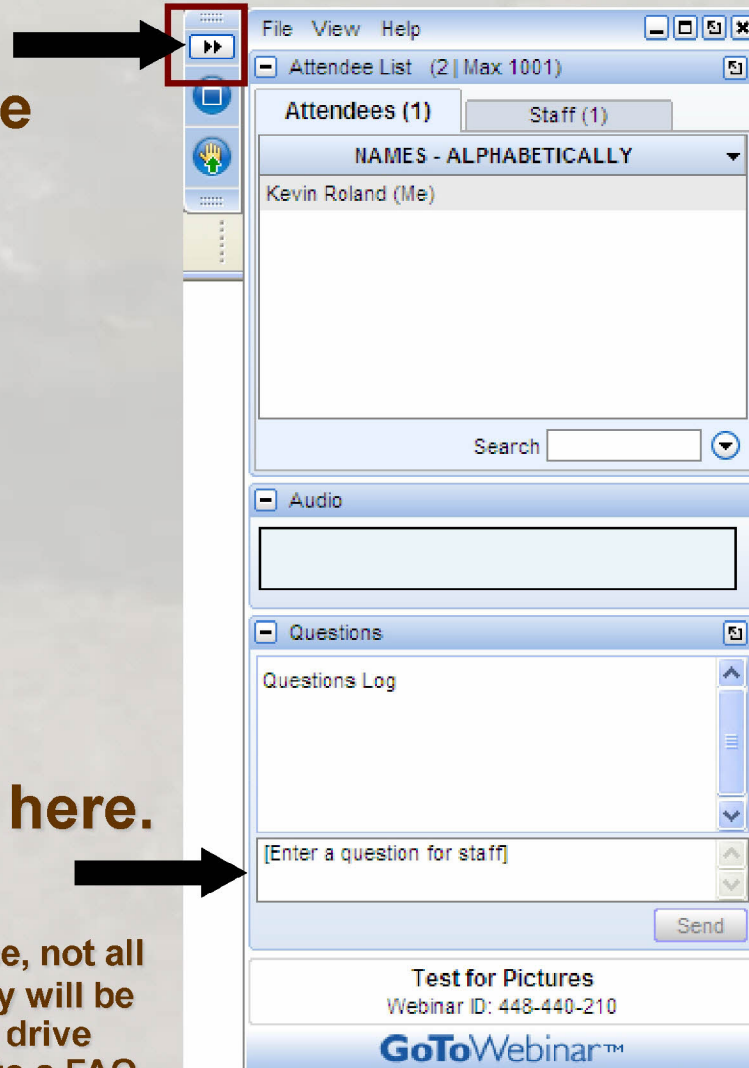


CHESAPEAKE BAY TMDL

Restoring Local Waters and the Chesapeake Bay

Webinar
February 25, 2010
No. 1 in Series

- Click the double arrow to show or hide your control panel



- Type your questions here.
(Indicate organization)

Note: Because of the large audience, not all questions will be answered, but they will be saved, and your questions will help drive future events and could contribute to a FAQ.

Technical Issues?



Contact:

- **Citrix Global Customer Support**
1-800-263-6317

Today's Presenters

- **Bob Koroncai**, Chesapeake Bay TMDL Manager, EPA Region 3
- **Rich Batiuk**, Associate Director of Science, Chesapeake Bay Program Office (CBPO), EPA Region 3
- **Alan Pollock**, Office of Water Quality Programs, Department of Environmental Quality, Virginia

AGENDA

- Welcome, Opening Remarks – Bob
- Bay TMDL Background- Rich
- Brief Summary of Fall '09 Outreach – Rich
- Key Developments – Bob
- What's Ahead – Rich
- Virginia's Approach – Alan
- Questions and Answers

A faint, light-colored background image showing a person in a small boat on water, possibly a fisherman or a small boat operator. The image is very faded and serves as a backdrop for the text.

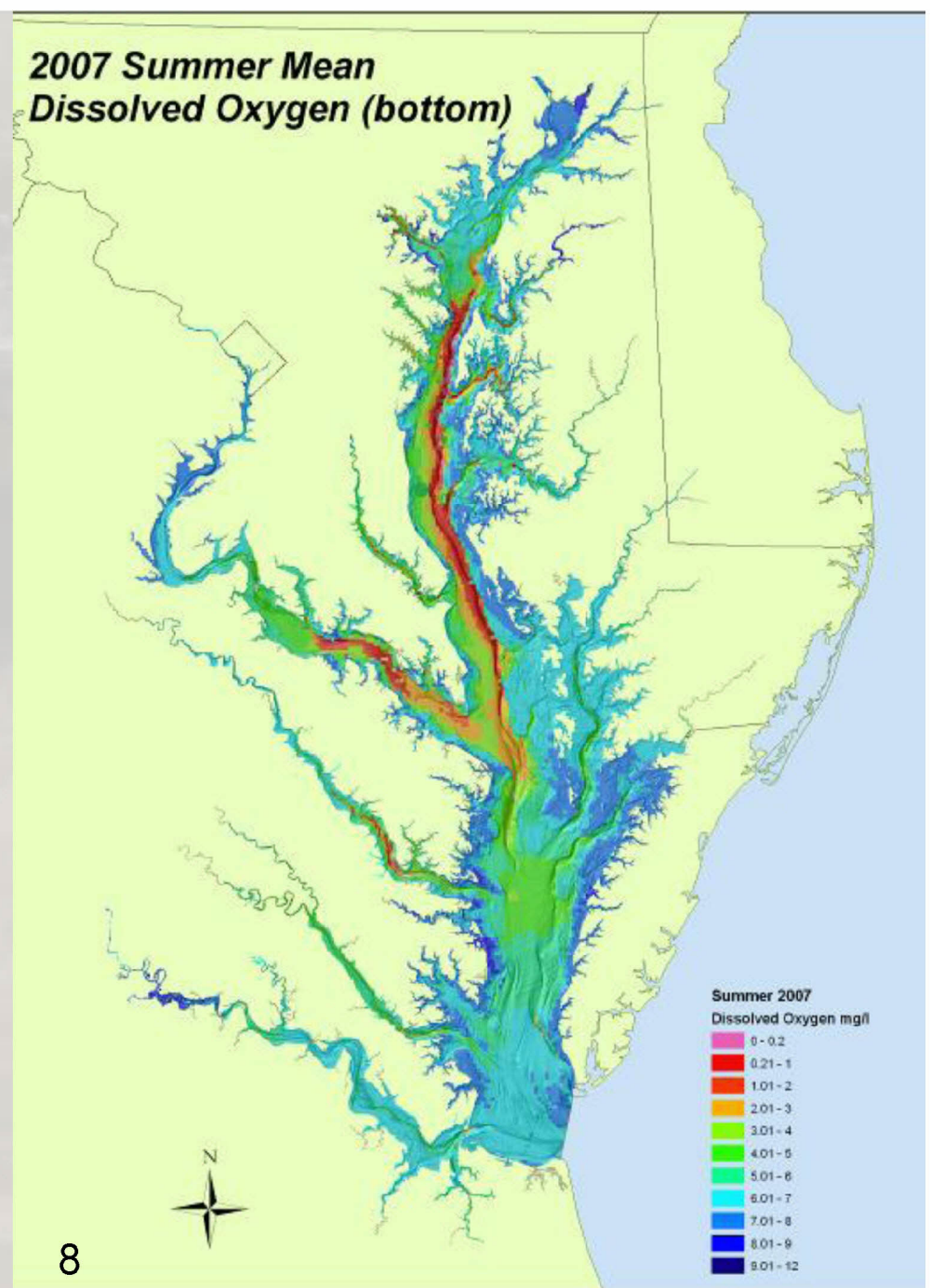
Bay TMDL Background & Brief summary of '09 Outreach-Rich

Messages We Delivered

- Different from other TMDLs
- Will benefit local waters as well as the Chesapeake Bay
- The more your area impairs, the more it repairs
- Local-scale allocations
- Target loads will change
- Public need to get involved, success involves all of us

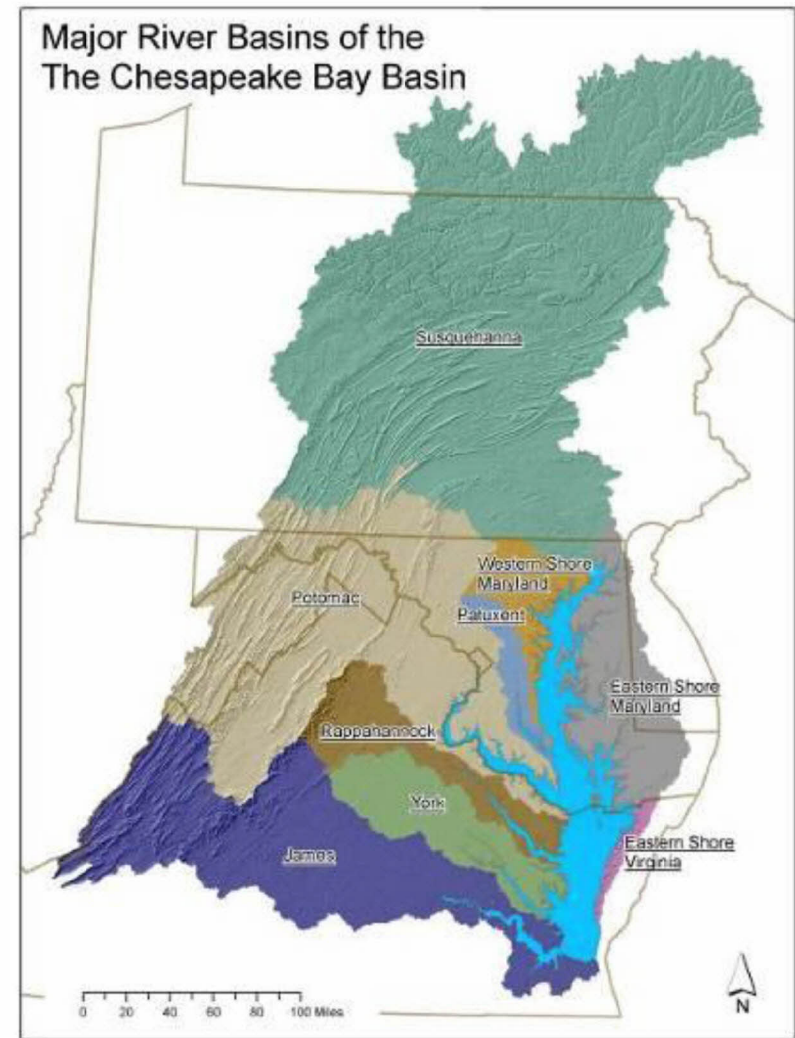
**Low to no
dissolved
oxygen in the
Bay and tidal
rivers every
summer**

**2007 Summer Mean
Dissolved Oxygen (bottom)**



Chesapeake Bay TMDL

- EPA sets pollution diet to meet states' Bay clean water standards
- Caps on nitrogen, phosphorus and sediment loads for all 6 Bay watershed states and DC
- States set load caps for point and non-point sources
- Draft available for public review/comment Aug 15-Oct 15; final published by EPA in Dec 2010



Current State Target Loads

Nitrogen

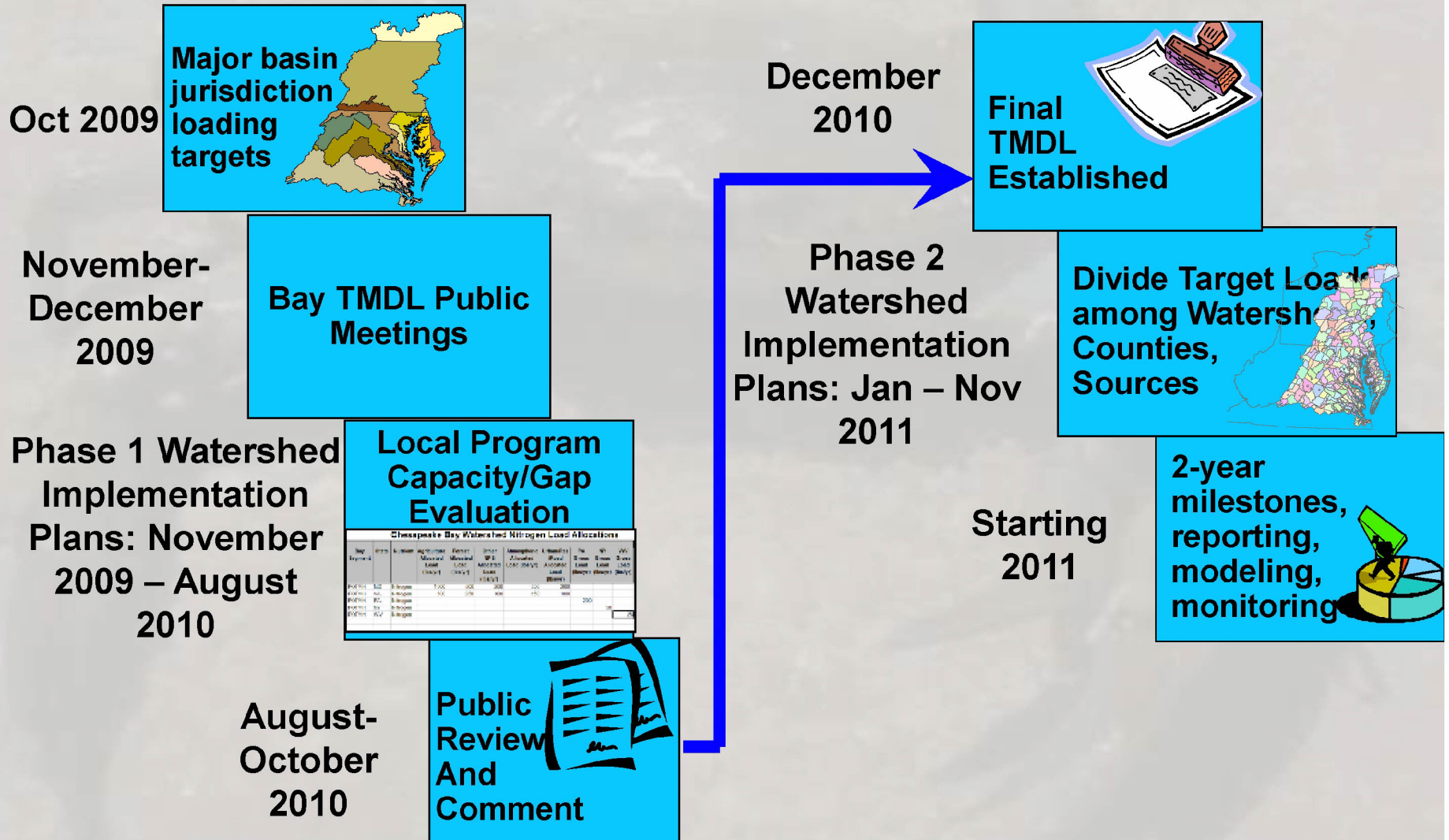
State	2008 Load	Tributary Strategy	Target Load
DC	3.54	2.12	2.37
DE	9.91	6.43	5.25
MD	58.00	42.37	41.04
NY	16.71	8.68	10.54
PA	114.40	73.48	73.64
VA	72.82	56.75	59.21
WV	7.77	5.93	5.71
Total	283.15	195.75	197.76

Phosphorus

State	2008 Load	Tributary Strategy	Target Load
DC	0.14	0.10	0.13
DE	0.34	0.25	0.28
MD	3.10	2.54	3.04
NY	0.83	0.56	0.56
PA	3.99	3.10	3.16
VA	7.18	6.41	7.05
WV	0.70	0.43	0.62
Total	16.28	13.39	14.84

All loads are in millions of pounds per year

Bay and Local Pollution Diet Schedule



Accomplishments to Date

- Partners (states, DC, CBC, EPA) committed to **EPA publication of the Bay TMDL** by December 2010 (July 2008)
- EPA established **new target loads** (Nov 2009 Ltr)
- EPA set clear expectations for **Watershed Implementation Plans** (Nov 2009 Ltr)
- EPA communicated **federal consequences** for inaction/ insufficient progress (Dec 2009 Ltr)



Look Back to the Fall 2009 Public Outreach - Rich

Fall 2009 Outreach

- Hosted 16 Bay TMDL public meetings Nov-Dec 2009
 - Covered all six watershed states and DC
 - Participants posed over 700 questions
- Additional stakeholder meetings
 - Conducted over 50 separate meetings and briefings
- Reached an estimated 3,000 individuals
- Answers to top 20 questions

Fall 2009 Outreach- What you said

- Support for improved local and Bay water quality
- Strong concerns voiced about:
 - Addressing all source sectors equitably
 - The role of regulations
 - Impact on business (esp. farmers and developers)
 - Lack of adequate public funding
 - Accuracy of the models

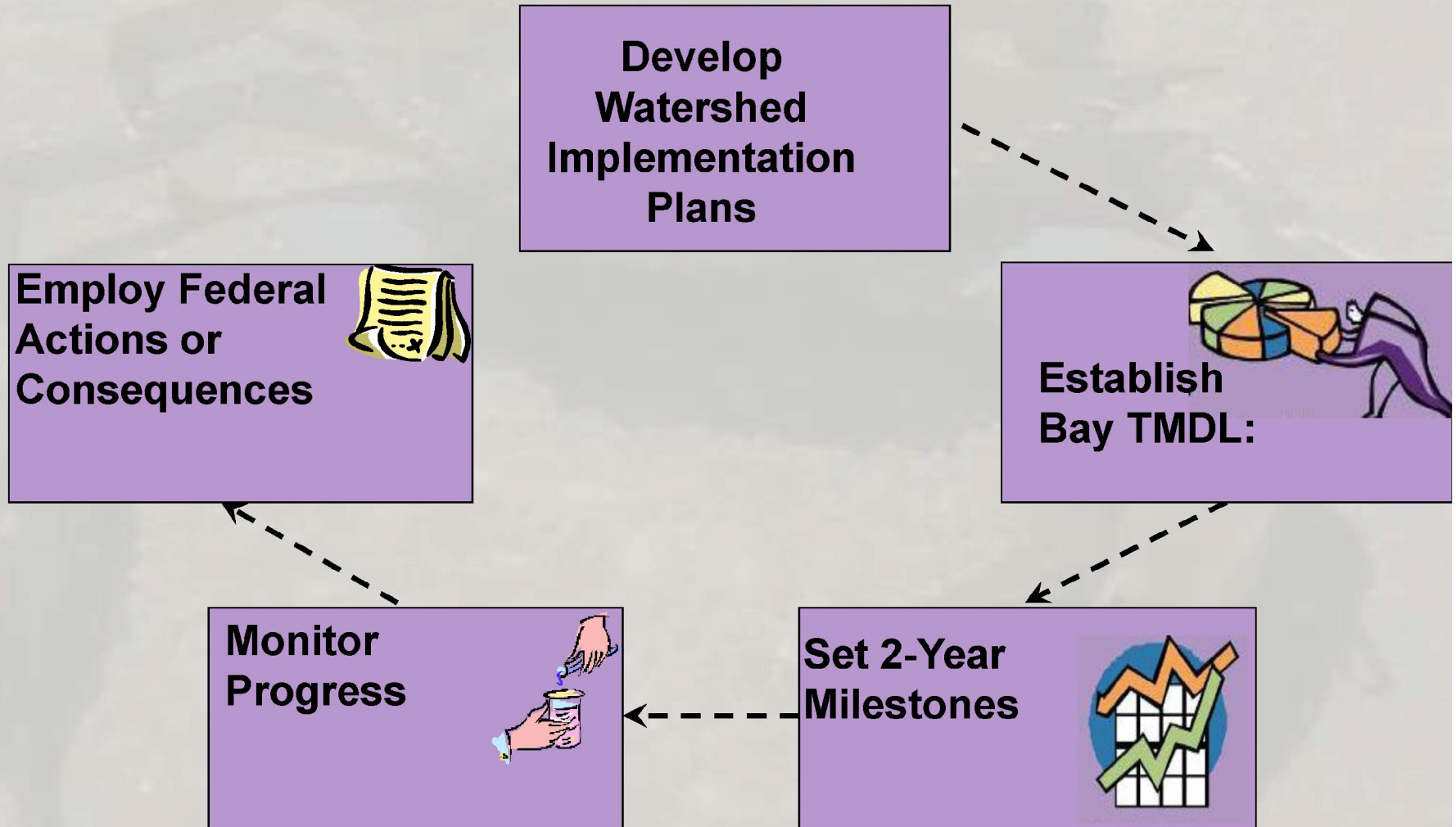
Fall 2009 Outreach- Your questions

- Are voluntary BMPs being reported in the model?
- Is stream monitoring used to confirm results?
- Will more public funding be available?
- Will implementation adversely affect business?
- What will I be required to do?

Key Developments:

- Federal Actions Letter**
- Watershed Implementation Plan Support**
 - Bob**

Ensuring Results



Federal Consequences

- EPA letter to states on December 29, 2009
- EPA will take actions for state failure to:
 - Submit WIPs consistent with EPA expectations
 - Submit 2-year milestones consistent with EPA expectations
 - Achieve 2-year milestone target loads

Federal Actions Could Include...

- Expand NPDES permit coverage to unregulated sources
- Require net improvement offsets
- Require additional reductions from point sources
- Increase federal enforcement
- Condition or redirect federal grants
- Promulgate local nutrient standards



"You dropped the ball. You must have known there would be consequences."

Watershed Implementation Plan Support

- Contractor support for states
- Contractor support for local pilot projects
- Supplemental Chesapeake Bay Implementation Grants: Regulatory and Accountability Program

Watershed Implementation Plan Contacts

- Delaware: Jennifer Volk, DNREC
- District of Columbia: Monir Chowdhury, DOE
- Maryland: Rich Eskin and Tom Thornton, MDE
- New York: Ron Entringer and Peter Freehafer, DEC
- Pennsylvania: Pat Buckley, DEP
- Virginia: Alan Pollock, DEQ and Russ Perkinson, DCR
- West Virginia: Teresa Koon, DEP



What's Ahead in the Next Several Months- Rich

What's Ahead

- Update of the Bay models (March 15)
- Revised nutrient target loads (April 30)
- Initial sediment target loads (April 30)
- Initial air target loads (April 30)
- Preliminary Watershed Implementation Plans due to EPA from jurisdictions (June 1)

Opportunities for Continued Feedback/Involvement

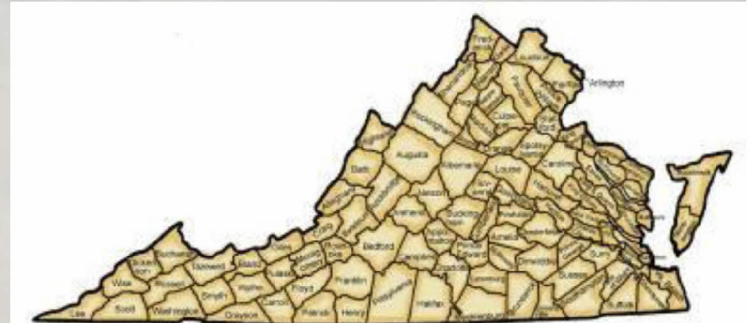
- Series of webinars scheduled through July 2010
- Bay TMDL website: www.epa.gov/chesapeakebaytmdl
- Get involved in the development of your jurisdiction's Watershed Implementation Plan (see prior list of state contacts)
- August 15 – October 15 public review and comment period

Further Information

- Chesapeake Bay TMDL web site
www.epa.gov/chesapeakebaytmdl
- U.S. EPA Region 3 Contacts
 - Water Protection Division
 - Bob Koroncai
 - 215-814-5730; koroncai.robert@epa.gov
 - Jennifer Sincock (sincock.jennifer@epa.gov)
 - Chesapeake Bay Program Office
 - Rich Batiuk
 - 410-267-5731; batiuk.richard@epa.gov
 - Katherine Antos (antos.katherine@epa.gov)

Virginia's approach to developing the Watershed Implementation Plan

-Alan Pollock, Va. Department of Environmental Quality





Questions & Comments



Thank you for your participation.



That concludes today's webinar.